

Residential Removals

Libby, Montana



Owner's Name(s): Les and Norita Skramstad

Phone: 406-293-6602

Address of Removal: 3647 Highway 2 South

Owner's Mailing Address: same as above

Anticipated Removal Dates: July 14, 2003 – August 4, 2003

Type of Remediation: Vermiculite-containing Insulation removal from attic and exterior removal

Construction Meeting Date: July 10, 2003

Construction Meeting Attendees: Courtney Zamora (Volpe), Chuck Jackson (ER), Merrill Taylor (E), Tommy Cook (CDM), Scott Supernaugh (CDM), and Tom Vanderweel (CDM)

Removal and Restoration Details Discussed and Agreed to:

Insulation Removal and Interior Cleaning

1. Vermiculite-containing Insulation (VCI) will be removed from the finished attic (flooring) and knee wall areas. All other types of Insulation within the attic will also be removed. All insulation from the finished attic will be removed by accessing it from the first floor ceiling. Following the insulation removal, all attic surfaces will be wet-wiped and cleaned using a vacuum equipped with a high-efficiency particulate air (HEPA) filter. An encapsulant will be applied to areas of the attic from which VCI was removed to minimize release of residual contamination.
2. To facilitate the removal activities, the removal contractor will remove the ceiling of the first floor. All objects on the first floor will be moved out of the house and stored in a secure location or left in place and wrapped in plastic. The removal contractor will use the existing interior access to the attic, but it will need to be expanded.
3. The ceiling of the first floor will be replaced with sheetrock that will be either textured or painted depending on what the homeowner decides by July 25, 2003. The homeowner will contact Tommy Cook (293-8595) with their decision.
4. Dust samples were collected from the interior living space of the house. Analytical results of the samples collected indicated that Libby amphibole (LA) asbestos contamination was below the level requiring cleaning as directed by EPA in the living space. Therefore, an interior cleaning will not be required.
5. The removal contractor will inspect the cabinets and closets to ensure VCI does not exist. If seen, the area will be HEPA vacuumed and wet wiped.
7. As directed by the homeowner, all gray/blue carpet in the living room, hallway, and stairs will be removed by the removal contractor and not replaced by the government. All other carpet (i.e., master bedroom, 2nd level) is to remain in place.

1. Vermiculite containing soil (VCS) was observed in the yard, and flowerbeds (see attached map). The contaminated soil will be removed and disposed of off site. Confirmation soil samples will be collected to verify that the contamination has been removed.
2. A pile of soil along the back (east) yard and a bathtub adjacent to the shed/garage was identified as containing vermiculite within the soil. Therefore, the soil will be removed and replaced with clean topsoil.
3. Should other exterior areas be identified to contain vermiculite during excavation, they too will be excavated and subsequent confirmation samples will be collected.
4. Exterior restoration efforts will employ "replace in kind" methods. That is, any contaminated material removed (e.g., soil, vegetation, household items, etc.) will be replaced with similar items less than or equal to the original value.
4. CDM will ensure that the lawn is watered once a week. In addition, the two roses in the north yard and flowers around the gazebo will be watered twice a week.
5. The owner has stated plans for updating the water line to the house. To facilitate future work, the soil surrounding the water valve will be excavated 2 feet out and to the depth of the water line (estimated to be 4 feet). If vermiculite is observed around the water line, it will not be excavated (i.e., chased). The excavated area around the water valve will be backfilled with clean soil for future water line work. No new water lines will be installed as part of this removal activity.
6. The owners have granted permission for the removal contractor to trim back the lilacs to facilitate excavation.

rd

1. VCS was observed in the yard areas see attached map. These areas will be excavated to a depth of 12-inches.
2. The excavated areas will be replaced with sod and the removal contractor will water the areas for 7 days or until the resident is allowed to return to the property, whichever is greater. The removal contractor will supply the water source. Once the removal contractor is finished watering it will be the responsibility of the homeowner to maintain the yard. Instructions on how to care for the sod will be supplied to the homeowner. Instructions on property watering newly installed sod will be provided to the home owner.
3. Yard areas east of the southern sidewalk will be re-inspected during removal activities to determine if contamination is present. The home owners will be advised of the findings and what the remedial activities, if any, are warranted.

flowerbeds

1. VCS was observed in the flowerbeds see attached map for location; therefore, soil excavation to a depth of 18 inches will be necessary.

3. All plants in the flowerbeds that can be transplanted will be however; any plant that cannot be transplanted or dies in the process will be replaced by reimbursement from Blossom Boutique.
4. Should other exterior areas be identified to contain vermiculite during excavation, they too will be excavated and subsequent confirmation samples will be collected.

General Information

1. The removal contractor will provide their own water source for personnel and equipment decontamination. All decontamination water will be captured and disposed of offsite.
2. CDM will water the plants in the bathroom twice a week.
3. The electricity to the house will be turned off and a generator will be used to supply electricity to the refrigerator/freezer unit in the kitchen and the answering machine. The electricity will be restored to the house when the removal and restoration activities are complete.
4. Only EPA-authorized personnel will be allowed onsite during the removal and restoration activities. As stated in the relocation package, for their own safety, the resident will not be allowed to return to their property unless given permission by a government representative. If the resident returns to their property without prior approval, their relocation agreement with the government will be nullified. If an emergency arises and the resident requires items from inside the house (i.e., medication) they should contact Tommy Cook (293-8595) and arrangements will be made to retrieve the item.
5. Some doors and windows may be left open as part of the removal process therefore security will be onsite whenever the removal contractor is not working. When the removal activities are complete, the windows and doors will be locked. CDM will be responsible for the key to the property until removal and restoration activities are complete, at which time the key will be returned to the resident.


Les and/or Norita Skramstad, Owner

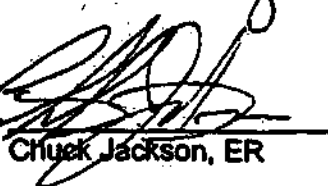
7/14/03
Date


Courtney Zamora, Yolo

7/21/03
Date


Tommy Cook, CDM

7/14/03
Date


Chuck Jackson, ER

7/21/03
Date

Addendum 1 for Removal and Restoration Agreement for Residential Removals Libby, Montana

Owner's Name(s): Les and Norita Skramstad

Phone: 406-293-6602

Address of Removal: 3647 Highway 2 South

Owner's Mailing Address: same as above

Anticipated Removal Dates: July 14, 2003 – August 4, 2003

Scope of Remediation: Vermiculite-containing insulation removal from attic and exterior removal.

-Construction Meeting Date: July 10, 2003

-Construction Meeting Attendees: Courtney Zamora (Volpe), Chuck Jackson (ER), Merrill Taylor (CDM), Tommy Cook (CDM), Scott Supernaugh (CDM), and Tom Vanderweel (CDM)

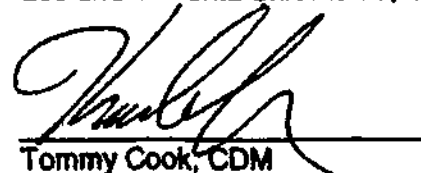
Removal and Restoration Details Discussed and Agreed to:

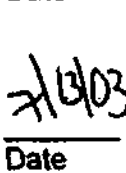
1. The tin roofing and miscellaneous buckets in the contaminated area behind the garage will be disposed of and not replaced. The swing set will be temporarily removed during excavation and will be returned to the original location after removal activities are complete. The doors and white picket fence gate will not be disposed of. The engine located behind the garage ~~will be temporarily moved during removal activities. CAN BE DISPOSED OF.~~
2. The breezeway area between the house and garage was re-inspected by the CDM oversight person. This was performed by "potholing" four (4) exploratory areas within the area of concern. Vermiculite was not found in any exploratory holes and therefore, no additional work will be performed in this area.
3. Batting insulation will be replaced between the joists in the ceiling of the first floor during restoration activities.
4. Excavating around the water valve vault will not be necessary. Upon further inspection of the water valve vault, it was determined that all visible vermiculite can be removed from the interior of the vault. Following cleaning activities, a soil sample will be collected to ensure all contamination has been removed from the vault.
5. The removal contractor found various samples collected by the home owner that contains vermiculite. These samples will not be disposed of and will be returned to their original location after removal activities are complete.

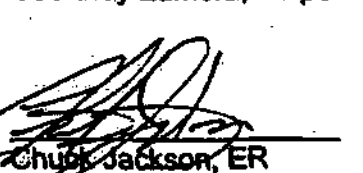

Les and/or Norita Skramstad, Owner


Date


Courtney Zamora, Volpe Date


Tommy Cook, CDM


Date


Chuck Jackson, ER Date

Addendum 2 to
**Removal and Restoration Agreement for
Residential Removals
Libby, Montana**

Owner's Name(s): Les and Norita Skramstad

Phone: 406-293-6602

Address of Removal: 3647 Highway 2 South

Owner's Mailing Address: same as above

Anticipated Removal Dates: July 14, 2003 – August 4, 2003

Scope of Remediation: Vermiculite-containing insulation removal from attic and exterior removal

-Construction Meeting Date: July 10, 2003

-Construction Meeting Attendees: Courtney Zamora (Volpe), Chuck Jackson (ER), Merrill Taylor (CDM), Tommy Cook (CDM), Scott Supernaugh (CDM), and Tom Vanderweel (CDM)

Removal and Restoration Details Discussed and Agreed to:

1. Vermiculite was found in the soil beneath the house in the crawl space area. Two surface soil samples were collected and analyzed for Libby Amphibole (LA) asbestos. Analytical results for both samples were nondetect. Because the crawl space area is not routinely accessed, the soil containing vermiculite will not be removed. Rather, a 6 mil poly sheeting will be laid and stapled by the removal contractor in areas where future utility work may occur (i.e., plumbing).
2. It was determined that the removal contractor will install and connect a water line from the vault to the water intake beneath the house (crawl space area). The water line will be properly connected and pressure tested to ensure the new water line does not leak. Once connected, the homeowner will have a subcontracted plumber to inspect the work. All areas excavated necessary to install the water line will be backfilled and revegetated as indicated in the original agreement.

TFC 7/30/03 - THE WATER LINE WILL BE REPAIRED IN SAND THAT WAS PURCHASED BY THE HOMEOWNER.


Les and/or Norita Skramstad, Owner

7-30-03 Courtney
Date Courtney Zamora, Volpe

7/31/03
Date


Tommy Cook, CDM

7/30/03
Date Chuck Jackson, ER

7/31/03
Date